

The Influence of Halide Ions on the Corrosion  
of 18-8 Stainless Steel in Sulfuric Acid, by  
Hua-Pao-ting, Suan Hsing-su, Z. A. Iofa, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 129-132, possibly AEC.

CB

150,032

Sci

Apr 61

Khvalynian Deposits of Western Karakum, by I. A.  
Volkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 137-139.

AGI

Sci

May 61

On the Problem of Graphite from the Bald Mountain  
of Botogol (Eastern Sayan), by K. A. Zhuk-  
Pochekutov, V. P. Maslov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 140-1482.

AGI

Sci

May 61

153, 137

New Data on the Devonian Basin of the B. Ik River  
in the Southern Urals, by M. A. Kamaletdinov,  
P. A. Kamaletdinov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 143-145.

AGI

Sci

May 61

153, 138

On the Seismism and Tectonics of Kamchatka and the  
Northern Part of the Kurillian Chain, by I. V.  
Kondorskaya, V. I. Tikhonov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 146-149.

AGI

Sci

May 61

153, 139

Mechanisms of Small Plastic Deformations in the  
Field of Consolidation of Dispersed Soil, by  
G. M. Lomize, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
196D, pp 150-153.

AGI

Sci

May 61

153, 140

Characteristics of Sedimentation in the Southern  
Caspian Sea, by Ye. G. X Mayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXX, No 1,  
1960, pp 154-157.

AGI

Sci

May 61

153 141

Traces of the Upper Pliocene Glaciation in the  
Alpine Section of the Central Caucasus, by Ye. Ye.  
Milanovsky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 158-161.

AGI

Sci

153, 142

May 61

Palynological Basis of the Age of the Baltic Amber-Bearing Deposits, by I. M. Pokrovskaya, V. V. Sauer, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1, 1960, pp 162-165.

AGI

Sci

May 61

153, 143

Foraminifera and Stratigraphy of the Albian  
Deposits of Dagestan, by K. G. Samyshkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 166-169.

ACI

Sci

May 61

153, 144

New Data on the Upper Paleozoic of the Khrami Massif, b  
by N. I. Skhirtladze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 170-172.

AGI

Sci

May 61

153, 145

An Investigation of Clay-Mineral Mixtures, by  
M. F. Vizulova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 173-175.

AGI

Sci

Jun 61

153, 160

Specific Nature of Epigenetic Alteration of Terrigenous Rocks in Platform and Geosynclinal Regions, by A. G. Kossovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1, 1960, pp 176-179.

AGI

Sci

Jun 61

153, 159

The Association Between Germanium and the Petrographic Components of Fossil Coals, by V. M. Ratsynsky, L. Ye. Shterenberg, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 180-182.

AGI NCB - A 1840

Sci

May 61

153,131

Zenkevich, L. A., Barsanova, N. G., and Belyaev, G. M. THE QUANTITATIVE DISTRIBUTION OF BOTTOM FAUNA IN THE ABYSS OF THE WORLD OCEAN (Kolichesvennoe Raspredelenie Donnoi Fauny v Abissali Mirovogo Okeana) tr. by David M. Damkaer. [1962] 8p. 12 refs. Order from OTS or SLA \$1.10	63-15150  I. Zenkevich, L. A. II. Barsanova, N. G. III. Belyaev, G. M. IV. Department of the Interior, Washington, D. C.  ④ B
Trans. of <u>Akademiya Nauk SSSR Doklady</u> , 1960, v. 130, no. 1, p. 183-186. Another trans. is available from OTS \$0.50 as 60-11649, JPRS-2675, 18 May 60, 7p.	
DESCRIPTORS: Marine biology, *Benthos, Aquatic animals, *Oceans, Distribution, Oceanographic data.  (Biological Sciences, TT, v. 10, no. 3)	Office of Technical Services

A Cytospectrophotometric Study of the Synthesis  
of Ribonucleic Acid in the Nuclei of Retinal  
Ganglionic Cells, by V. Ya. Brodskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 1, 1960, pp 149-.

8

AIBS

Sci

138, 454

The Distribution of Sulfhydryl Groups Within the  
Neural Elements of Sympathetic Ganglia, by  
A. G. Greten, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 193-195.

AIRS

Sci

Feb 61

138, 469

Morphological Changes in Certain Organs of  
White Mice in the Course of Development of  
Grafted Ehrlich's Adenocarcinoma, by K. G.  
Shchitkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,  
No 1, 1960, pp 196-.

ABRS

Sci

138, 471

Feb 61

The Frequency of Occurrence of Biochemical Mutants of  
Staphylococci With Damaged Oxidation, by G. F.  
Gauze, G. V. Kochetkova, N. A. Sorbayeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 200-201.

AIBS

Sci  
Jan 61

Utilization of C<sub>2</sub>-C<sub>3</sub> Organic Acids by the Purple  
Bacteria Rhodopseudomonas Palustris, by V. N.  
Shaposhinkov, E. N. Kondrat'yeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 202-.

AIBS

Sci  
Jan 61

The Effect of Extremely High Doses of Roentgen Radiation  
on the Amino Acid, Protein, and Nucleic Acid Content  
of Wheat Plants, by I. F. Vasil'yev, E. I.  
Maslova, O. I. Parfenova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 206-209.

AIP  
Sov Phys-Doklady  
Vol V, No 1

125,801

AIBS

Sci  
Sep 60  
Se

Effect of Ethylenediaminetetraacetate (EDTA) on  
the Coefficients of Accumulation of Different  
Radioactive Isotopes From an Aqueous Solution  
by Freshwater Plants, by E. A. Timofeyeva-  
Resovskaya, N. V. Timofeyev-Resovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 210-213.

Sci  
Sep 60

AIP  
Sov Phys-Doklady  
Vol V, No 1 125, 803  
AIBS

Calculation of Dispersion in the Statistical Treatment of Results of a Small Number of Observations, by V. Yu. Urbakh, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1, 1960, pp 214--.

~~E~~ AIBS

Sci  
Jan 61

Rules in the Shoot Formation of Several ~~Grasses~~  
Grasses, by G. M. Dobrynin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 223-.

AIBS

Sci  
Sep 60

127,473

Differentiation of White Cabbage Buds in the  
Vernalization Process, by A. S. Kruzhlin, Z. M.  
Shvedskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 227-.

AIBS

Sci  
Sep 60

127,440

Effect of Maleic Acid Hydrazide on Flowering of  
Perilla Ocymoides in a Longday Environment, by N. A.  
Kozlova, E. Ya. Ermolayeva, P. Batska, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 231-.

AIBS

Sci  
Sep 60

127,441

Paniculation and Fertility of Foxtail Millet With  
Constant Illumination, by A. A. Kornilov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 1,  
1960, pp 234-.

AIBS

Sci  
Sep 60

127,442

An Attempt at Raising Certain Phytophagocytic  
Insects on Synthetic Media, by E. M. Shumakov,  
N. N. Edel'man, A. B. Borisova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX,  
No 1, 1960, pp 237-.

AIBS

Sci

138,478

Feb 61

Normalized -Entropy of Sets and the Transmission of  
Information From Continuous Sources Through Continuous  
Communication Channels, by M. Rozenblat-Rot.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1960,  
pp 265-268.

Internl Phys Index  
Automation Express  
Vol II, No 8.

Sci - Phys

120, 198

Jun 60

The Approximate Structure of One Class of Nonsteady  
Transonic Flow, by O. S. Ryzhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, MAXE Vol CXXX,  
No 2, 1960, pp 276-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125, 828

The Phenomenon of Ejection by an Electrical Discharge  
by V. N. Zhigulev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 2,  
1960, pp 280-283.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125,824

Plane Flow of a Perfectly Conducting Fluid With the  
Magnetic Field Nearly Parallel to the Velocity, by  
M. N. Kogan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 284-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

San 60

1025, 826

# 15

(DC-3648).

Electron Temperature of a Medium Under Synchrotronic  
Radiation, by G. A. Gurzadyan, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 287-289.

JPRS 3351

Sci - Geophys, Space Res  
Jun 60

AIP  
Sov Phys Dok  
Vol V, no 1  
117,125

3

X-Ray Fluorescence Spectral Analysis With a  
Nuclear Source of Primary Radiation, by K. I.  
Narbutt, P. L. Barinskiy, I. S. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 2, 1960, pp 291-294.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci  
Sep 60

125,833

The Question of Convective Instability of a  
Plasma, by Yu. A. Tserkovnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 2,  
1960, pp 295-298.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

125,835

Sep 60

A New Form of Dispersion Relations, by L. A.  
Khalfin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 2, 1960, pp 299-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

125,816

Sep 60

# 15

(DU-36478).

Interferometer Measurement of the Widths of  $\lambda$   
6300 Å (OI) and  $\lambda$  5198-5200 Å (NI) Emissions in  
Auroras, by T. M. Mulyarchik, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 303-306.

JPRS# 3352

Sci - Geophys, Space Res  
Jun 60

AGT

117,124

Significance of Adsorption Interactions and the Bulk-Mechanical Properties of Lubricant Layers in the Processing of Metals Under Pressure, by V. M. Korbut, S. Ya. Veiler, V. I. Likhtman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960, pp 307-309.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci  
Sep 60

125,804

The Inhomogeneity of Plastic Deformation in Extension, by B. M. Strunin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 310-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125,806

Viscous Properties of Alkylnaromatic Hydrocarbons and Their Hydrogenated Analogs, by F. I. Sanin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 2, 1960, pp 338-340.

SLA 60-16773

Sci  
Vol IV, No 7  
Apr 62

192,653

Some Observations on Peroxone Chemistry, by A. L.  
Tatev, et al., CIA INTERNAL USE ONLY

396  
MISHIN, per, Dok Ak Nauk SSSR, Vol 242, 1960,  
pp 342-343.

CIL/FDD XE-930

Sci - Chemistry

1394/71

Some Observations on the Ferrocene Chemistry,  
by A. I. Titov  
RUSSIAN, per, Akademiya Nauk SSSR. Doklady,  
Vol 130, 1960, pp 341-343  
NTC 71-15484-07C

feb 72

Acetylation Reaction and Deutero-Exchange  
in a Number of Sydnone, by V. G. Yashunskiy,  
V. F. Vasilyeva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
1960, pp 350-352.

CSIRO

Sci - Chem  
Oct 61

Concerning Some Peculiarities of the Electrochemical  
Solution of n-Type Silicon, by E. A. Efimov, I. G.  
Erusalimchik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 353-355.

CB

150,033

Sci

Apr 61

The Glass Transition Temperature of Cellulose,  
by V. A. Kargin, P. V. Kozlov, Wang Mai-ch'ang,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 356-358.

GB

150,034

Sci

Apr 61

The Maximum Solubility of a Component of a Gaseous Mixture in a Liquid, by A. Yu. Namiot, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 359-361.

CB

Sci

Apr 61

The Origin of the Compensation Effect in Chemical Kinetics, by S. Z. Roginskiy, Yu. L. Khait, 4 pp.

RUSSLAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 366-369.

CB

150,035

Sci

Apr 61

The Exchange of Hydrogen Isotopes on Palladium,  
by G. N. Trusov, N. A. Aladzhalova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 370-373.

CB

150,028

ss  
ar  
Sci

Apr 61

Adsorptional Changes in the Surface Conductivity of Germanium, by V. I. Fistul', D. G. Andryanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 374-376.

CB

156,029

Sci

Apr 61

On the Upper Sarmatian Deposits of the Basins of the Bolshoy Leba and Belaya Rivers, by Ye. M. Velikovskaya, A. A. Steklov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960, pp 382-384.

AGI

Sci

May 61

New Data on the Age of the Neogene Formations of the  
Northeastern Part of Iturup Island (Kuril Islands),  
by V. F. Yerokhov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 385-386.

AGI

Sci

May 61

On the Supposed Azgir Fault in the Southern Part of  
the Ural Volga Interfluve, by V. S. Zhuravlev  
Yu. Ya. Kuzmin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1963, pp 387-390.

AGI

sci

May 61

153, 146

On the "Prebatholithic" Porphyritic Intrusions of the Rudnyi Altai and Their Ore Content, by P. F. Ivankin, P. V. Inshin, V. S. Kuzebnny, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960, pp 391-393.

AGI

Sci

May 61

New Data on the Faunal Characteristics of the Oligocene Deposits of the Near-Dnieper Manganese Ore Basin,  
by Yu. I. Selin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 394-395.

AGI

Sci

May 61

The Basic Features of the Morphology, Hypsometry,  
and Genesis of the Pre-Tertiary Surface of the  
Outer Zone of the Pre-Carpathian Downwarp and the  
Southwestern Margin of the Russian Platform, by  
V. N. Utrobin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 396-399.

AGI

Sci  
May 61

153, 147

On a Metamict Variety of Vesuvianite from a<sup>u</sup> Alkaline Pegmatite in Southwest Tuva, by V. A. Kononova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 400-403.

AGI

Sci

Jun 61

153, 161

On the Occurrence of Betekhtinite in the  
Dzhezkazgan Ore Deposit, by K. M. Mukanov, L. F.  
Narkalyun, T. A. Yakovlevskaya 3 pp.

KAZAKHSTAN, ner, Dok Ak Nauk SSSR, Vol E CXIX, No 2,  
1960, pp 404-407.

AGI

Sci

Jun 61

153, 162

Berlin, T. S. and Khabakov, A. V. INVESTIGATION OF CERTAIN PHYSICOCHEMICAL PROPERTIES OF CARBONATE ROCKS FOR THE PURPOSE OF DETERMINING CONDITIONS UNDER WHICH THEY WERE FORMED. [1960] 2p. Order from ATS \$3.00 Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 130, no. 2, p. 406.	ATS-82M45R  146,918  AGT	61-12292  I. Pock--Properties 2. Carbonates -Properties I. Berlin, T. S. II. Khabakov, A. V. III. ATS-82M45R IV. Associated Technical Services, Inc., East Orange, N. J.  ATS/RJ-2802
(Earth Sciences--Geology, TT, v. 5, no. 5)		Office of Technical Services

The Chuna Diabase Sill, by G. D. Feoktistov, 2 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 409-411.

AGI

Sci

May 61

New Data on Natural Concentrations of Indium, by  
V. V. Ivanov, V. Yu. Volgin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol E CXXX, No 2,  
1960, pp 412-415.

AGI

Sci

May 61

153, 132

Russian

*Completed*

DC

1,564/70

10 Feb 70 SF

Stratigraphy and Lithology of Bottom Deposits  
in the Northwestern Part of the Pacific Ocean by  
P.L.Bearukov, Ye.A.Romankevich,  
3mo per, Doklady Akad.Nauk SSSR.Vol.130, No.2,  
pp417-420

Special Type "B": Transl. draft plus one  
incl. graphics,

"URGENT"

doc(Xpp)-do not mutilate,

On the Genus Ajacicyathus Bedford et Bedford,  
1939, and the Family Ajacicyathidae Bedford et  
Bedford, 1939, by A. G. Vologdin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 421-424.

AGI

Sci

Jun 61

153, 174

On the First Discovery in Rumania of Remains of  
Gigantic Rhinoceroses of the Family Indricotheriidae,  
by L. K. Gabuniya, O. Ilyescu, 3 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 425-427.

AGI

Sci

Jun 61

153, 175

Discoveries of Remains of Hexacorals in the Cretaceous  
and Paleogene Deposits of the West Siberian Plain, by  
A. B. Ivanovsky, L. Ya. Lavrova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2, 1960,  
pp 428-429.

AGI

Sci

May 61

On the Diagnosis of Silurian Tabulata of the  
Genus *Cylindrostylus* Sokolov, by V. L. Leleshus,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 430-432.

AGT

Sci

Jun 61

153, 176

Mitochondria in the Cells of Ehrlich's Tumor  
and Experimentally Induced Changes, A. I. Braude,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 2, 1960, pp 433-.

AIBS

Sci

138, 455

Feb 61

A Triploid Form of the Dahurian Larch in Central  
Yakutiya, by A. M. Manzhos, L. K. Pozdnyakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 437-.

AIBS

Sci  
Jan 61

Effect of Ethylenediaminetetraacetate on the  
Accumulation of Different Radio-isotopes From an  
Aqueous Solution, by Leeches and Gnats, by A. B.  
Getsova, E. A. Timofeeva-Resovskaya, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 440-442.

AIBS

Sci  
Jan 61

Rate of Fat Accumulation in the Azov Anchovy  
(*Engraulis Encrasicholus Maeoticus*), by G. E.  
Shul'man, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 443-~~450~~.

AIBS

Sci  
Jan 61

Line Comparative Study of Primary Plankton Production  
by the Radiocarbon and Oxygen Methods, by  
G. G. Vinberg, V. L. Kaler, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 446-.

AIBS

Sci

138, 475

Feb 61

<p>Baranova, B. Z., Deborin, G. A., and Oparin, A. I. INFLUENCE OF DNA UPON THE ENZYMATIC ACTION OF PAPAIN AND OF THE DEHYDRO- GENASE OF GLYCERALDEHYDE PHOSPHATE. [1961] [5]p. 20 refs. Order from OTS or SLA \$1.10</p> <p>61-27255</p> <p>Trans. of <u>Akademiyu Nauk SSSR. Doklady</u>, 1960, v. 130 [no. 2] p. 450-452.</p> <p>DESCRIPTORS: *Nucleic acids, Acids, Metabolism, *Papain, Enzymes, *Glyceraldehydes, *Phosphates, *Dehydrogenases, Aldehydes.</p> <p>Experiments with papain indicate that DNA retards the enzymatic action of glyceraldehyde phosphate dehydrogenase (GAPD), the magnitude of this retardation being a definite function of the amount of GAPD added. The ferment reaction came to a full stop when 1.55 mg of DNA was added.</p>	<p>61-27255</p> <p>I. Baranova, B. Z. II. Deborin, G. A. III. Oparin, A. I. IV. Translations, New York</p> <p>(Biological Sciences--Bio- chemistry, TT, v. 7, no. 1) Office of Technical Services</p>
---	---

Effect of Light on Formation of Nitrogenous  
Products in Green and Chlorophyllfree Leaves,  
by T. F. Andreyeva, A. V. Bondarenko, G. F.  
Korzheva, G. N. Nikulina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 457-.

AIBS

Sci  
Sep 60

127,443

[REDACTED]

On the Physiological Role of Molybdenum in Plants,  
by E. I. Minina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 461-.

AIBS

Sci  
Sep 60

127,444

The Interrelationship Between the Minute Volume  
of the Heart and Peripheral Resistance in the  
Human, by E. B. Babskiy, V. L. Kargman, M. A.  
Abriksova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI,  
No 2, 1960, pp 465-468.

AIES

Sci

Feb 61

138,477

On the Question of the Physiological Conditions  
of the Circuit-completing Mechanism, by  
E. F. Polezhayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 469-.

AIDS

Sci

Feb 61

138,479

on the Mechanism for Blocking Polyspermy in  
the Sturgeon Family of Fishes, by A. S. Ginzburg,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 2,  
1960, pp 473-476.

ATBS

Sci

Feb 61

138, 458

Transformation of the Germinal Node Into the  
Blastodisc in Cattle Embryo (*Bos Taurus*),  
By G. A. Schmidt, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 2, 1960, pp 477-.

AIBS

Sci

138, 459

Feb 61

The Problem of the Wave Resistance of a Body  
Moving in a Circle, by E. A. Perzhnyanko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,  
1960, pp 514-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125, 825

Measurement of Radiation During the Flight of the  
Second Cosmic Rocket, by S. N. Vernon, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 517-520.

IGC 122

Sci - Geophys, Space Res  
May 60

HIP  
Surf Phys-Dok  
Vol VI, 1960, 496

The Relaxation of the Vibrational Motion in an  
Isolated System of Harmonic Oscillators, by A. I.  
Osipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 523-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

125,818

Sci  
Sep 60

A Closed Solution of the Equation of Turbulent  
Heat Diffusion, by O. S. ~~БЕРЛЯНД~~ Berlyand, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1963, pp 526-529.

AGI

Sci

May 61

153, 157

Toward the Determination of the Absolute  
Altitude of the Antarctic Ice Dome, by A. N.  
Gusev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 530-532.

IGC 122  
AGI

Sci - Geophys, Space Res  
May 60

116,498

Thermohydrodynamic Model of the Bora, by L. N.  
Gutman, F. I. Frankl, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 533-536.

AGI

Sci

May 61

153, 158

Self-Healing of Surface Defects on Crystals at High Temperature, by Ya. E. Geguzin, M. N. Ovscharenko,  
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 537-540.

AIP  
Sov Phys-Doklady  
Vol. V, No 1

Sci

Sep 60

125,805

The Thermodynamics of Irreversible Processes in  
Plastic Deformation, by N. S. Fastov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 541-.

AIP  
Sov Phys-Doklady  
Vol V, No 1

Sci

Sep 60

125,807

Phase Diagrams of Systems Containing An Ordered  
Phase, by I. L. Aptekar', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 562-564.

CB

150,030

Sci

Apr 61

The Influence of Adsorbed Oxygen on the Electronic Work Function of Germanium, by R. Kh. Burshtein,  
L. A. Larin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 565-568.

CB

150,031

Sci

Apr 61

The Heat of Wetting of Aerosil by Aliphatic  
Alcohols, by V. P. Kiselev, K. G. Krasil'nikov,  
V. V. Murina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 569-572.

CB

150,024

Sci

Apr 61

The Influence of Radiolysis on the Potential of a Nickel Electrode as a Function of the Gas Phase Composition, by S. D. Levinu, T. V. Kalish, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 573-576.

CB

150,025

Sci

Apr 61

Investigation of Adsorption of the Unsaturated  
Fluorocarbons  $C_2F_4$  and  $C_3F_6$  in an Electron  
Emitter, by S. Z. Roginskij, V. A. Shishkin,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,  
No 3, 1960, pp 577-580.

CB

150,026

Sci

Apr 61

Thermodynamic Study of the Reaction  $\text{UO}_2(\text{s}) + \frac{1}{2} \text{C} (\text{graph.}) + \text{Cl}_2(\text{g}) = \text{UOCl}_2(\text{s}) + \frac{1}{2} \text{CO}_2(\text{g})$  by

Measuring Electromotive Forces, by M. V. Smirnov,  
I. F. Nichkov, S. P. Raspopin, 4 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXXX, No 3,  
1960, pp 581-584.

CB

150,027

Sci

Apr 61

The Influence of the Chromium Content on the  
Electrochemical and Corrosional Behavior of Iron-  
Chromium Alloys, by G. M. Floryanovich, Ya. M.  
Kolotyrkin, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 585-588.

CB

150,020

Sci

Apr 61

On the Upper Kimmeridgian Gypsiferous Deposits of the Dnieper-Donets Depression, by M. I. Blank, N. Ye. Kansky, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1960,  
pp 596-598.

AGI

Sci

May 61

Hydrothermal Argillization of Rocks in Eastern  
Transbaikalis, by A. O. Rozentsvit, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1961, pp 599-602.

ACI

Sci

May 61

153, 148

Concerning the Associations Between the Tectonics  
and Relief of the Submarine Slopes of Kamchatka,  
by V. I. Tikhonov, G. B. Udintsev, 3 pp.

RUSSIAN ~~paper~~, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1967, pp 603-606.

AGI

Sc1

May 61

153,149

Deposits of the Bashkirian Stage of the Central and Northern Regions of the Tatar ASSR, by V. G. Khalymbadzha, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1960,  
p 607-.

AGI

Sci

May 61

The Crystallization of Magnetite and the Formation  
of Hydrocarbons in the System  $\text{CaCO}_3\text{-NaCl-H}_2\text{O-Fe}$  at  
High Temperatures and Pressures, by I N. Yu.  
Ikornikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,  
1960, pp 610-612.

AGI

Sci

Jun 61

153, 163

Elemental Impurities in Allogenetic Muscovites From  
the Islands of Champ, Wiener-Neustadt, and Hayes  
(Franz Josef Land), by L. P. Pirozhnikov, 2 pp.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1960,  
pp 613-614.

AGI

Sci

May 61